McCampbell Analytical, Inc.

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

Ecoloblue	Client Project ID: #001; Ecoloblue	Date Sampled:	03/24/08-03/25/08
3911 Happy Valley Road		Date Received:	03/24/08
Lafayette, CA 94596	Client Contact: Tyler Palmer	Date Reported:	03/27/08
Eurayene, err > 1090	Client P.O.:	Date Completed:	03/26/08

WorkOrder: 0803583

March 27, 2008

Dear	Ty.	ler:

Enclosed within are:

- 1) The results of the 2 analyzed samples from your project: #001; Ecoloblue,
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager

McCampbell Analytical, Inc.

Web		1534 WILI PITTSBUI campbell.c	LOW PAS RG, CA 94 com Ema	SS RO. 565-17 il: ma	AD 01 in@n F	ax:	mpb (925	ell.co	om 52-92						UR eoT			OU	ND	TI	MI	E		RUS	H	٦ 24	HR.		48 F		72 HF	R 5 DAY
Report To: Tyle	er Palu	ner	В	ill To	: W	ay	ne	F	err	ei	10	(A	naly	ysis	Rec	ues	t						Oth	ier	Comments
Company: Eco 3911 Ha Lafayette Tele: (925) 7 Project#: 00 Project Location: Sampler Signatur	ppy Vall 59-70 Lafuye	+	6 F P	C-Mai ax: (rojec	l: e 925 t Nar	ne:	lot 28°	4 S	24 560	ah 0,6	00,	(0)	4	H as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	r Oii (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	0 (VOCs)	0 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	(010 / 6020)	Al Kalinisty	envineration	Filter Samples for Metals analysis: Yes / No
		SAMP	LING	2	ners		MA	TRI	X		RESE			& TP	ONE	Moto	0	Hyd	/ 801	1808	PCB'	NP NP	(Acie	/ 826	/ 827	/ 831	(200	(200.	0.8/	4	3	
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Air	Sludge	ICE	HCL	HNO ₃	Other	MTBE / BTEX	MTBE/BTEX	TPH as Diesel / Motor Oil (8015)	Total Petroleum	Total Petroleum	EPA 502.2 / 601	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 1	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM.	CAM 17 Metals	LUFT 5 Metals	Lead (200.7 / 200.8 / 6010 / 6020)	PH 4		
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McCampbell Analytical, Inc.

1534 Willow Pass Rd Pittsburg, CA 94565-1701 (925) 252-9262

CHAIN-OF-CUSTODY RECORD

ClientCode: ECOB

Page 1 of 1

WriteOn	EDF	Excel	Fax	Email	HardCopy	ThirdParty	J-flag

WorkOrder: 0803583

Bill to: Report to: Requested TAT: 5 days

Tyler Palmer Email: Ecoloty@yahoo.com Wavne Ferreira Ecoloblue TEL: (925) 759-7045 FAX: (925) 284-5606 Ecoloblue

Date Received: 03/24/2008 PO: 3911 Happy Valley Road 3911 Happy Valley Road Lafayette, CA 94596 Lafayette, CA 94596 ProjectNo: #001; Ecoloblue Date Printed: 03/25/2008

					Requested Tests (See legend below)											
Lab ID	Client ID	Matrix	Collection Date Ho	old	1	2	3	4	5	6	7	8	9	10	11	12
						•		•		•			•			
0803583-001	001 3/24	Water	3/24/2008 11:00		В	Α										
0803583-002	002 3/25	Water	3/25/2008 8:00				Α									

Test Legend:

1 Alka(spe)_W	2 PH_W	3 TCEC-Enum_W	4	5
6	7	8	9	10
11	12			

Prepared by: Samantha Arbuckle

Comments:



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Sample Receipt Checklist

Client Name:	Ecoloblue				Date a	nd Time Received:	3/24/2008	1:23:00 PM
Project Name:	#001; Ecoloblue	•			Checkl	list completed and r	eviewed by:	Samantha Arbuckle
WorkOrder N°:	0803583	Matrix <u>Water</u>			Carrier	: Client Drop-In		
		<u>Chair</u>	of Cu	stody (C	OC) Informa	<u>tion</u>		
Chain of custody	y present?		Yes	V	No 🗆			
Chain of custody	/ signed when relinq	uished and received?	Yes	V	No 🗆			
Chain of custody	/ agrees with sample	labels?	Yes	✓	No 🗌			
Sample IDs noted	d by Client on COC?		Yes	V	No 🗆			
Date and Time of	f collection noted by 0	Client on COC?	Yes	~	No \square			
Sampler's name	noted on COC?		Yes	✓	No \square			
		<u>s</u>	ample	Receipt	Information			
Custody seals in	tact on shipping conf	ainer/cooler?	Yes	V	No 🗆		NA 🗆	
Shipping contain	er/cooler in good cor	dition?	Yes	V	No 🗆			
Samples in prop	er containers/bottles	?	Yes	✓	No 🗆			
Sample containe	ers intact?		Yes	✓	No 🗆			
Sufficient sample	e volume for indicate	d test?	Yes	✓	No 🗌			
		Sample Prese	rvatio	n and Ho	old Time (HT)	Information		
All samples rece	ived within holding ti	me?	Yes	✓	No 🗆			
Container/Temp	Blank temperature		Coole	er Temp:	16.8°C		NA 🗆	
Water - VOA via	ls have zero headsp	ace / no bubbles?	Yes		No \square	No VOA vials subm	itted 🗹	
Sample labels ch	hecked for correct pr	eservation?	Yes	✓	No 🗌			
TTLC Metal - pH	acceptable upon rec	eipt (pH<2)?	Yes		No 🗆		NA 🗹	
			===	===:				
Client contacted:		Date contac	ted:			Contacted	by:	
Comments:								

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Ecoloblue	Client Project ID: #001; Ecoloblue	Date Sampled: 03/24/08
3911 Happy Valley Road		Date Received: 03/24/08
Lafayette, CA 94596	Client Contact: Tyler Palmer	Date Extracted: 03/24/08
	Client P.O.:	Date Analyzed 03/24/08

Total & Speciated Alkalinity as Calcium Carbonate*

Analytical methods SM2320B Extraction method SM2320B Work Order: 0803583 Client ID Lab ID Matrix Total* Carbonate* $Bicarbonate \\ *$ Hydroxide* DF 001B 001 3/24 W 5.19 ND 5.19 ND Reporting Limit for DF = 1; W 1.0 1.0 1.0 1.0 mg CaCO3/L ND means not detected at or

*water samples are reported in mg calcium carbonate/L. Hydroxide, Carbonate & Bicarbonate alkalinity measure @ end-point of pH = 8.3 & 4.5 per SM2320B.

NA

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment

NA

Angela Rydelius, Lab Manager

NA

mg/Kg

NA

DHS ELAP Certification N° 1644

above the reporting limit

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THE REAL PROPERTY.				· · · · · · · · · · · · · · · · · · ·			
Ecoloblue		Client Project ID:	#001; Eco	loblue	Date Sampled:	03/24/08	
3911 Happy Va	alley Road				Date Received:	03/24/08	
Lafayette, CA 9	2/1596	Client Contact: Ty	yler Palme	er	Date Extracted:	03/24/08	
Larayette, CA	74370	Client P.O.:			Date Analyzed	03/24/08	
		p	Н				
Analytical Method:	SM4500H+B		1			Work Order:	0803583
Lab ID	Client ID		Matrix		pH		
0803583-001A	001 3/24		W		8.48 @ 22.49	°C	
<u> </u>					±0.05, pH units	@ °C	
Method Accuracy and Reporting Units					NA		

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Ecoloblue		Client Proje	ct ID: #001; E	coloblue	Date	Sampled:	03/25/08	
3911 Happy \	/alley Road				Date	Received:	03/24/08	
Lafayette, CA	9/1596	Client Cont	act: Tyler Palı	mer	Date	Extracted:	03/25/08	
Larayette, CA	. 94390	Client P.O.:			Date	Analyzed:	03/25/08	
		Total C	oliform / E. Co	oli, Enumeration				
Analytical Method	: SM9223B			T	-		Work Order: 0803583	
Lab ID	Client ID	Matrix	Total Coliform	95% Confident In	terval	E. Coli	95% Confident Interval	DF
0803583-002A	002 3/25	W	ND			ND		1
							1	
Reportir	ng Limit & Reporting Units	W		1.0		/100ml		
) liquid sample	contains greater than ~2 vol. %	S sadiment: i) reno	urting limit roises	1 due to insufficien	NA			
, iiquiu saiiipie (contains greater than ~2 vol. %	scannent, J) repo	nung minit raiset	a due to msurrelen	ı sampı	c voiume.		

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QC SUMMARY REPORT FOR WET CHEMISTRY TESTS

Test Method: Alkalinity Matrix: W WorkOrder: 0803583

Method Name: SM23	320B		Units mg Ca0		BatchID: 34566			
Lab ID	Sample	DF	Dup / Ser. Dil.	DF	% RPD	Acceptance Criteria (%)		
0803583-001B	5.19	1	5.88	1	12.5	<20		

BATCH 34566 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0803583-001B)3/24/08 11:00 AM	1 03/24/08 (03/24/08 3:13 PM				

Test Method: pH Matrix: W WorkOrder: 0803583

Method Name: SM4500H+B			Units ±, pH u	nits @ °C		BatchID: 34558		
Lab ID	Sample	DF	Dup / Ser. Dil.	DF	RD	Acceptance Criteria		
0803583-001A	8.48 @ 22.4°C	1	8.48 @ 22.5°C	1	0	±0.02		

BATCH 34558 SUMMARY

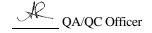
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0803583-001A)3/24/08 11:00 AM	M 03/24/08 (03/24/08 7:10 PM				

Dup = Duplicate; Ser. Dil. = Serial Dilution; MS = Matrix Spike; RD = Relative Difference; RPD = Relative Percent Deviation.

RD = Absolute Value {Sample - Duplicate}

RPD = 100 * (Sample - Duplicate) / [(Sample + Duplicate) / 2]

%RPD is calculated using results of up to 10 significant figures, however the reported results are rounded to 2 or 3 significant figures. Therefore there may be a slight discrepancy between the %RPD displayed above and %RPD calculated using the reported results. MAI considers %RPD based upon more significant figures to be more accurate.



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QC SUMMARY REPORT FOR WET CHEMISTRY TESTS

Test Method: Total Coliform / E. Coli, Enumeration Matrix: W WorkOrder: 0803583

Method Name: SM9223B								BatchID: 34585
Lab ID	Analyte	Reporting Units	Sample	DF	Dup	DF	% RPD	Acceptance Criteria (%)
0803583-002A	E Coli	MPN/100ml	ND	1	ND	1	N/A	<70
	Total Coliform	MPN/100ml	ND	1	ND	1	N/A	<70

BATCH 34585 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0803583-002A	03/25/08 8:00 AM	M 03/25/08	03/25/08 2:48 PM				

% RPD = abs(Sample - Dup) / ((Sample + Dup) / 2) * 100

N/A = Not Applicable

QA/QC Officer